

King County DNRP Water Quality Index

STATION **A499** WATER YEAR **2008**

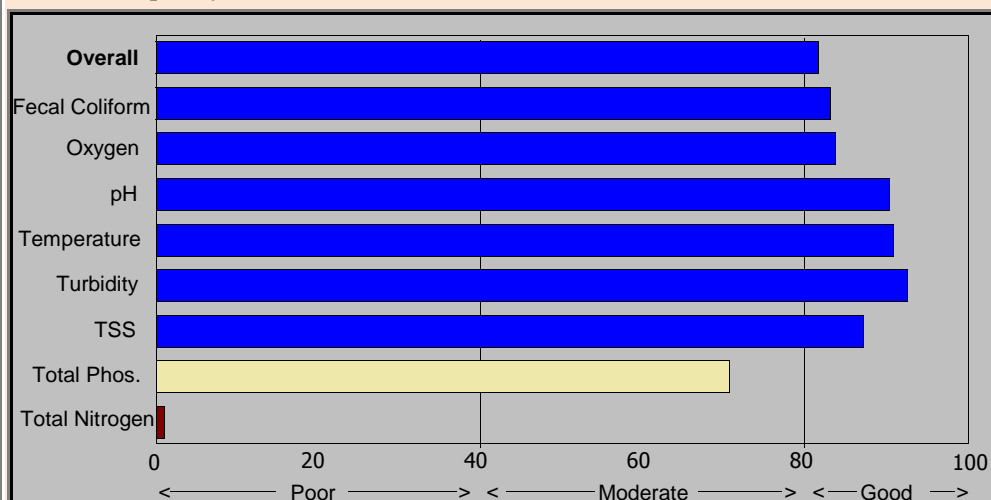
GAUGE # **16D** **Yarrow Creek**

Overall Index **82**

King County monitored water quality in Yarrow Creek at Station A499, which is located at the mouth of the creek near the intersection of Points Drive and Lake Washington Blvd, 25 feet downstream from the culvert. Monitoring at this site began in 1975 and was discontinued in 2008 due to budget cutbacks. The Yarrow Creek basin encompasses 640 acres. The creek originates in the Bridle Trails State Park and flows 2.95 miles before draining into Lake Washington at the northeastern shoreline. Land use in the basin includes Bridle Trail State Park, a business complex, condominiums, single family residences, and a portion of State Route 520. The creek is on the 2012 Washington Department of Ecology's 303(d) list for violation of dissolved oxygen and fecal coliform bacteria standards. Little is known about the existing fish population on Yarrow Creek, though the lack of spawning substrate and multiple fish passage barriers are thought to be major limiting factors.

Annual Water Quality Index Scores

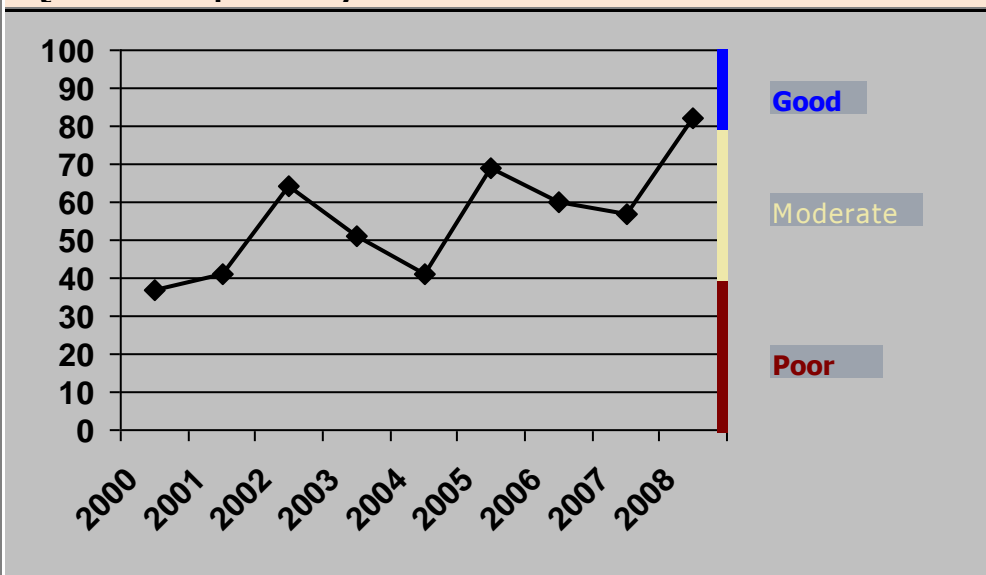
Water quality was GOOD based on data collected 10/1/2007 to 9/30/2008.



Monthly Scores For Water Year 2008

| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 93 | 87 | 88 | 87 | 83 | 79 | 86 | 85 | 94 | 92 | 92 | 93 |

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>